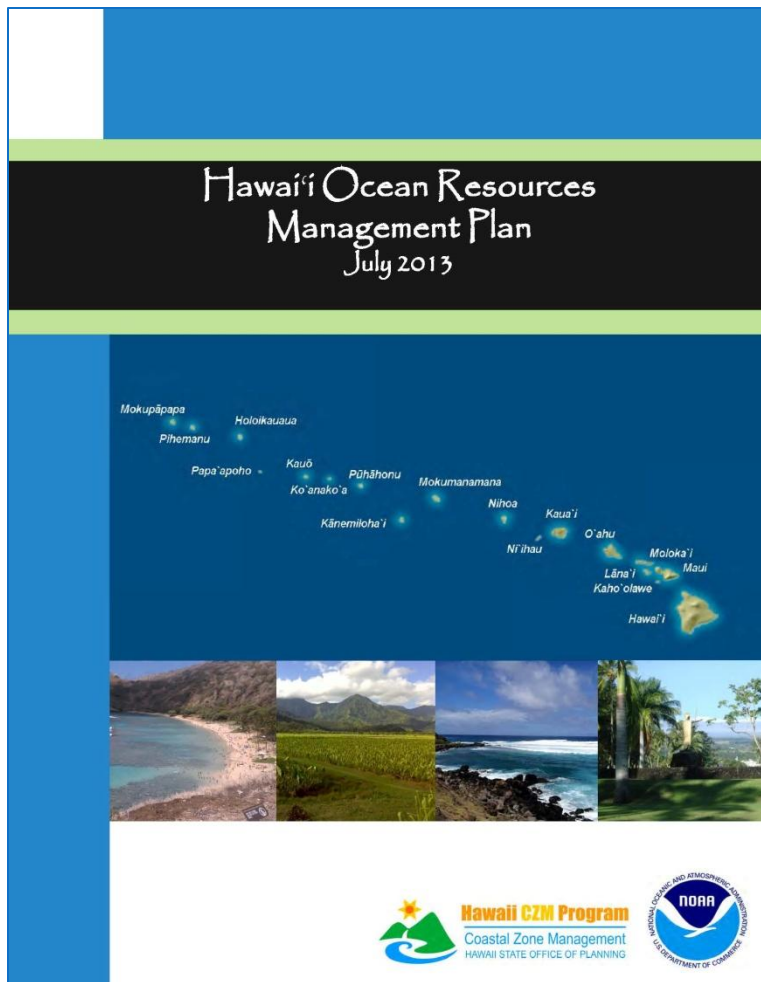


IMPLEMENTATION OF THE HAWAII OCEAN RESOURCES MANAGEMENT PLAN

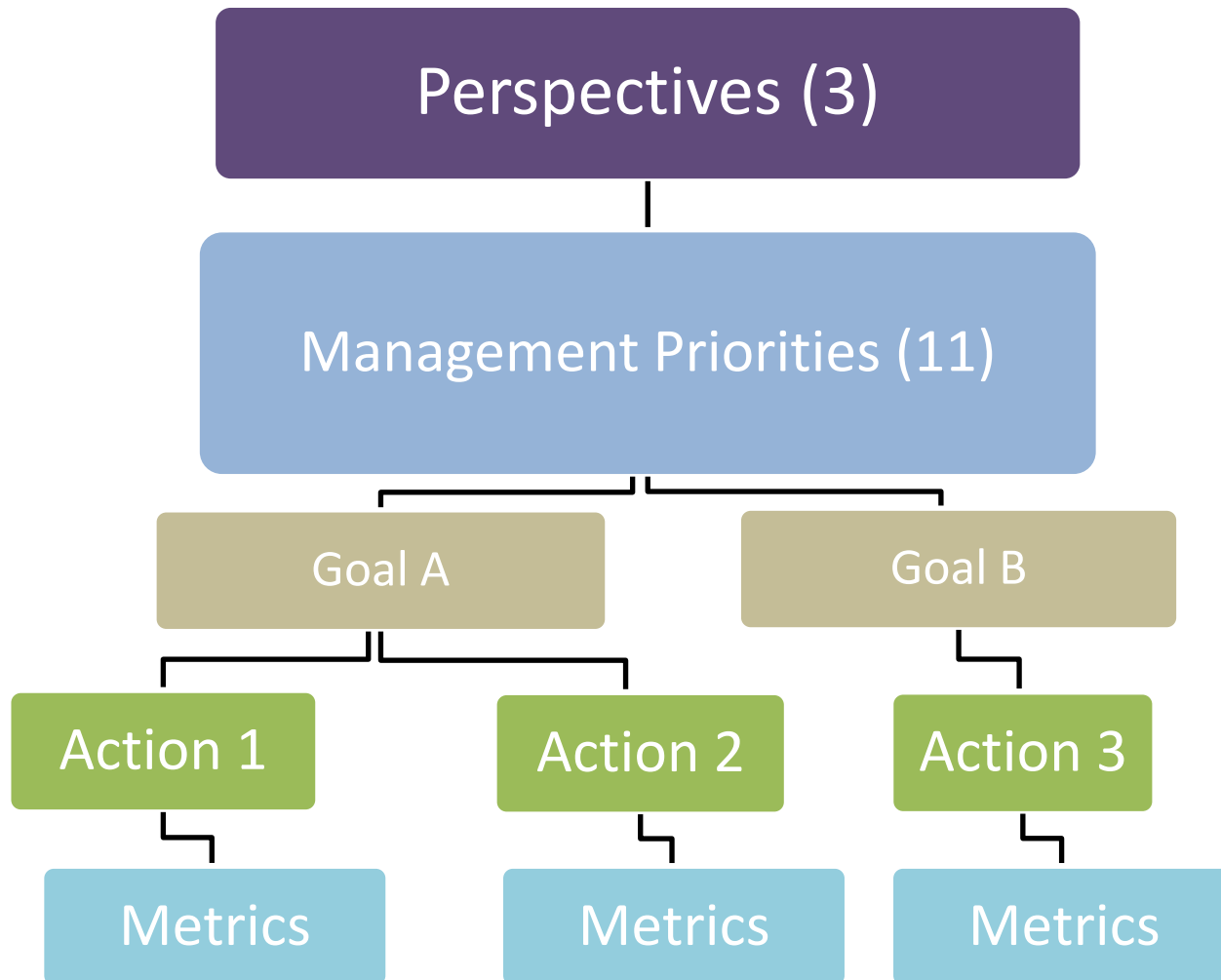


Key Features of ORMP



- 3 Perspectives
 - ❖ *Connecting Land and Sea*
 - ❖ *Preserving Our Ocean Heritage*
 - ❖ *Promoting Collaboration and Stewardship*
- 11 Management Priorities
- 2-5 Goals per Management Priority
- Metrics / Indicators identified
- Goals and metrics agreed to by lead, other, or partner agencies

Management Priorities



Management Priorities

Appropriate Coastal Development	Management of Coastal Hazards
Watershed Management	Marine Resources
Coral Reef	Ocean Economy
Cultural Heritage of the Ocean	Training, Education, and Awareness
Collaboration and Conflict Resolution	Community and Place-Based Ocean Management Projects
National Ocean Policy and Pacific Regional Ocean Initiatives	

Steps Towards Implementation

	Management Priority Goal(s)	Lead State Agency	Other State and County Agencies	Partners	Metrics
1	<p>Appropriate Coastal Development</p> <p><i>Goal A: Adoption of county plans which specify guidance on coastal development.</i></p> <p><i>Goal B: Strengthen and integrate data management to ensure appropriate coastal development.</i></p> <p><i>Goal C: Expand options to protect existing developments from further coastal erosion.</i></p>	OP-CZM	County planning departments, DLNR-OCCL, DOT (Harbors, Airports, and Highways), DOH	FEMA/NFIP, UH Sea Grant College Program, PacIOOS, UH SOEST Coastal Geology Group, NOAA OCRM, NOAA PSC	<p><u>GOAL A:</u></p> <ul style="list-style-type: none"> • Increase in number of additional shoreline access (OP-CZM) • Increase in number of counties implementing planning practices that include adaptation strategies when planning for coastal areas (OP-CZM) • Increase in number of state agencies implementing capital improvement plan projects that include adaptation strategies for coastal areas (OP-CZM) <p><u>GOAL B:</u></p> <ul style="list-style-type: none"> • Layers added to the statewide GIS that address coastal measures (OP GIS) <p><u>GOAL C:</u></p> <ul style="list-style-type: none"> • Number of projects reviewed by OP during land use entitlement process that include coastal impact risk assessments(OP-CZM) • Number of projects reviewed by DOH during land use entitlement process that include coastal impact risk assessments (DOH)

Developing an Action Team

- MP # 1: Appropriate Coastal Development
- Goal A – Adoption of county plans which specify guidance on coastal development
- Lead Agency: OP-CZM

Other Agencies

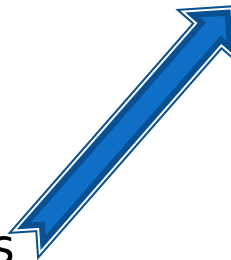
- County Planning Departments
- DOH – Clean Water Branch
- DLNR - OCCL
- DOT – Harbors, Highways
- State Land Use Commission *
- Other County Agencies with jurisdiction over coastal development *
- Industry (BIA, developers, resort association) *
- State Civil Defense *

Support / Information From:

- EPA *
- FEMA
- UH – SeaGrant
- Pac IOOS
- UH – SOEST
- UH - DURP

Developing an Action Team

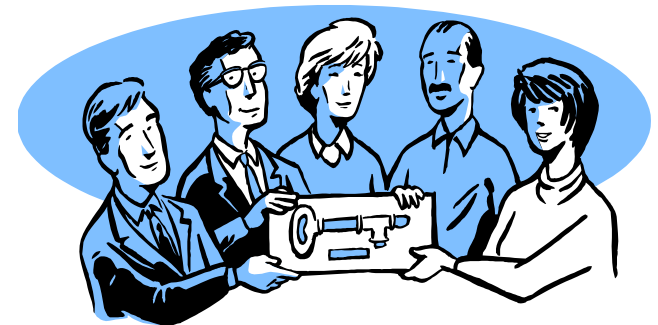
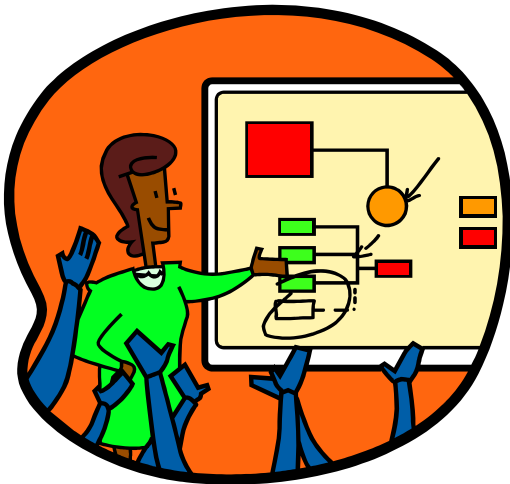
- MP # 1: Appropriate Coastal Development
- Goal A – Adoption of county plans which specify guidance on coastal development
- Lead Agency: OP-CZM
- Identify example actions and related agencies



Ocean Resources Management Plan	2013
<ul style="list-style-type: none"> Enhance Natural Infrastructure to Build Coastal Resilience. Cost-effective beach nourishment is implemented and streamlined for offshore permitting. Allow Flexibility in Retrofitting Existing Structures. Allow for retrofitting of existing structures that also accounts for long-term conservation of coastal resources and shoreline ecosystems, including beaches and reefs. 	
<u>Example Actions to Accomplish the Appropriate Coastal Development Goals</u> <ul style="list-style-type: none"> OP continues to review projects during land use entitlement process to determine the sufficiency of proposed adaptation measures and infrastructure durability over the lifetime of the project, taking into account individual and public economic impacts. OP to support additional shoreline access in its land use reviews. ORMP Working Group collaborates on supporting legislation for appropriate coastal development. ORMP Working Group collaborates on ways to work with state and county agencies and departments on appropriate coastal development. County planning departments incorporate coastal impacts into their General Plans, Development Plans, Sustainable Community Plans, and land use regulations. Department of Land and Natural Resources Office of Coastal and Conservation Lands (DLNR-OCCL) works on ways to support appropriate coastal development on public and private projects. Hawai'i Department of Transportation (DOT) works on ways to support appropriate coastal development of their Capital Improvement Program projects for highways, harbors, and airports. PacIOOS continues to work on strengthening and integrating data management to ensure appropriate coastal development. UH SOEST continues to work on strengthening and integrating data management to ensure appropriate coastal development. DBEDT continues to work on strengthening and integrating data management to ensure appropriate coastal development. Hawai'i Department of Health (DOH) to continue to review and comment on Environmental Assessments and Environmental Impact Statements from environment and health perspectives. 	
<u>Metrics – Indicator Measures</u>	
<u>GOAL A:</u> <ul style="list-style-type: none"> Increase in number of additional shoreline access (OP-CZM) Increase in number of counties implementing planning practices that include adaptation strategies when planning for coastal areas (OP-CZM) Increase in number of state agencies implementing capital improvement plan projects that include adaptation strategies for coastal areas (OP-CZM) 	
<u>GOAL B:</u> <ul style="list-style-type: none"> Layers added to the statewide GIS that address coastal measures (OP GIS) 	
<u>GOAL C:</u> <ul style="list-style-type: none"> Number of projects reviewed by OP during land use entitlement process that include coastal impact risk assessments (OP-CZM) Number of projects reviewed by DOH during land use entitlement process that include coastal impact risk assessments (DOH) 	
<u>Agencies</u>	
Lead Agency: OP-CZM Other State and County Agencies: County planning departments, DLNR-OCCL, DOT (Harbors, Airports, and Highways), DOH, Partners: Federal Emergency Management Agency (FEMA)/National Flood Insurance Program (NFIP), UH Sea Grant College Program, PacIOOS, UH SOEST Coastal Geology Group, NOAA Office of Ocean and Coastal Resource Management (OCRM) and Pacific Services Center (PSC)	

Next Steps

- Lead Agencies – Start to think about Action Teams
 - What agency for what goal
 - Which specific division/branch
 - Which specific person in that division/branch



A scenic view of a lighthouse on a cliff overlooking the ocean. The lighthouse is a small white building with a red roof, situated on a grassy cliff. The ocean is a deep blue, and the sky is a lighter blue with some clouds. The foreground shows a grassy slope with some trees and bushes. The overall scene is a beautiful coastal landscape.

Mahalo!